5-10-05

PART B - FEE(S) TRANSMITTAL									
Complete and send	Complete and send this form, together with applicable fee(s), to: Mail				Mail Stop ISSUE FEE				
MAY 0 9 2005 E				P.O	Commissioner for Patents P.O. Box 1450				
or Fax					Alexandria, Virginia 22313-1450 (703) 746-4000				
INSTRUCTIONS: This for approximately the properties of the proper	orm should be used for tran prespondence including the below or directed otherwise	nsmitting the ISSI Patent, advance of in Block 1, by (UE FEE and not a) specifying			ired). Blocks vill be mailed and/or (b) inc	to the current licating a sep	should be complete t correspondence ac parate "FEE ADDRI	d where idress as ESS" for
immitted for the distriction	OTS: CE ADDRESS (Note: Use Block I for		-	Note	A certificate of	mailing can o	nly be used (for domestic maili-	
23579 7590 02/08/2005				rccis	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. EV 487328889 US				
PATREA L. PABST PABST PATENT GROUP LLP				I here	Certificate of Mailing or Transmission				
400 COLONY SQ				States addre	I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.				
SUITE 1200									
ATLANTA, GA 3	0361			SEE	SEE CERTIFICATE OF MAILING UNDER 37 CFR 1.10 (Depositor's name)				
·					/-/	<u>, </u>	/		Signature)
APPLICATION NO.	FILING DATE		Pin or 114 Lar						(Date)
10/717,251	11/19/2003		FIRST NAME	L Deaver		ATTORNEY D		CONFIRMATION 7737	NO.
•	COMPOSITIONS AND MET	HODS FOR ENH			DIATED CELLU		• •		
	.,							•	
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICA	TION FEE	TOTAL FEE	(S) DUE	DATE DUE	
nonprovisional	YES	\$700		\$	300	\$100	*	05/09/2005	
EXA	AINER	ART UN	irr	CLASS-S	UBCLASS		SFELEKE2	00000004 50312	9 10717251
AZPURU,	CARLOS A	1615	424-453000 01 FC:2501 700.00 DA 02 FC:1504 300.00 DA						
1. Change of correspondence CFR 1.363).	e address or indication of "Fe	e Address" (37			ent front page, lis	03 FC:8001		atent Group I	I P
	dence address (or Change of (Correspondence	1		registered patent y.	_	1 45501	atont Group I	
O "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer 2 registered pate.				nc of a single i attorney or ago d patent attorn ame will be pr	or agent) and the names of up to attorneys or agents. If no name is 3				
	RESIDENCE DATA TO B	E PRINTED ON T		-					
PLEASE NOTE: Unless	an assignee is identified be a 37 CFR 3.11. Completion of	low, no assignee	data will ann	ear on the nate	nt If an assigne	e is identified	below, the d	ocument has been f	iled for
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)									
The Penn State Research Foundation University Park, Pennsylvania									
Please check the appropriate	assignee category or categor	ies (will not be pri	inted on the pa	atent): 🚨 Ir	dividual 🗵 Cor	poration or oth	er private gro	oup entity Gove	mment
4a. The following fee(s) are enclosed: 4b. Payment of Fee(s):									
 Issue Fee Issue Fee In A check in the amount of the fee(s) is enclosed. In Publication Fee (No small entity discount permitted) In Payment by credit card. Form PTO-2038 is attached. 									
Advance Order - # of Copies							ed fee(s) or a	credit any overnous	nent to
			Deposit Acco	unt Number_	50-3129	(enclo	se an extra co	opy of this form).	
	(from status indicated above) MALL ENTITY status. See 3		O b. Applica	ant is no longer	claiming SMAL	L ENTITY stat	us. Šee 37 CF	FR 1 27(a)(2)	
	is requested to apply the Issue ublication Fee (if required) words of the United States Pate								:. narty in
Authorized Signature	fishe D.	Monhec	7		Date	May	9, 2005		
Typed or printed name Rivka D. Monheit				Registration N	lo	48,731			
		1. The information	n is required to	o obtain or reta			is to file (and	by the USPTO to pr	rocess)
an application. Confidentiali submitting the completed ap this form and/or suggestions Box 1450, Alexandra, Virgi	in is required by 37 CFR 1.31 ty is governed by 35 U.S.C. plication form to the USPTO for reducing this burden, sho nia 22313-1450. DO NOT S 1450.	122 and 37 CFR 1). Time will vary onld be sent to the END FEES OR C	.14. This coll- depending up Chief Informs OMPLETED	ection is estimated in the individual attention officer, I FORMS TO T	ited to take 12 m al case. Any com J.S. Patent and T HIS ADDRESS.	inutes to comp iments on the i indemark Offic SEND TO: Co	lete, including amount of tince, U.S. Depa minissioner f	y gathering, preparir ne you require to co runent of Commerc or Patents, P.O. Box	ig, and mplete e, P.O. i 1450,
	1450. tion Act of 1995, no persons a								

Undertine Paperwork Reduction Act of 1995 no persons are required to n	ILS Patent and Tra	pproved for use through 07/31/2 demark Office; U.S. DEPARTM mation unless it displays a valic	IENT OF COMMERCE			
Effective on 12/08/2004.	Complete if Known					
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Application Number	10/717,251				
FEE TRANSMITTAL	Filing Date	November 19, 2003				
For FY 2005	First Named Inventor	Daniel R. Deaver				
•	Examiner Name	Carlos A. Azpuru				
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	1615				
TOTAL AMOUNT OF PAYMENT (\$) 1030.00	Attorney Docket No.	PSU 1813 CON(2)				
METHOD OF PAYMENT (check all that apply)						
	Other (place id	antiful*				
Check Credit Card Money Order No.		_{ame:} Pabst Patent Grou	un I I P			
Deposit Account Deposit Account Number: 50-3129			up LLi			
For the above-identified deposit account, the Director is he	_		:			
✓ Charge fee(s) indicated below		indicated below, except for	or the filing fee			
Charge any additional fee(s) or underpayments of fe	ee(s) 🚺 Credit any ov	erpayments				
	formation should not be inc	cluded on this form. Provide o	credit card			
information and authorization on PTO-2038.			·			
FEE CALCULATION						
BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES						
Small Entity	Small Entity	Small Entity	Sana Daid (6)			
Application Type Fee (\$) Fee (\$)		751 i ee (a) -	Fees Paid (\$)			
Utility 300 150 500	250 20	-				
Design 200 100 100	50 13					
Plant 200 100 300	150 16					
Reissue 300 150 500	250 60					
Provisional 200 100 0	0	0 0				
2. EXCESS CLAIM FEES		<u>F</u>	Small Entity Fee (\$) Fee (\$)			
Fee Description Each claim over 20 or, for Reissues, each claim over 20 an	d more than in the orig	inal patent	50 25			
Each independent claim over 3 or, for Reissues, each indep	endent claim more tha	n in the original patent	200 100			
Multiple dependent claims			360 180			
		ple Dependent Claims ee (\$)	1			
16 20 or HP = x = HP = highest number of total claims paid for, if greater than 20			*			
Indep. Claims Extra Claims Fee (\$) Fee	Paid (\$)		_			
2 - 3 or HP = 0 x = HP = highest number of independent claims paid for, if greater than 3						
2 ADDI ICATION SIZE FEE						
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity)						
for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)						
	(round up to a whole n		=			
	_ · · · · · · · · · · · · · · · · · · ·	· — — — — — — — — — — — — — — — — — — —	Fees Paid (\$)			
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)						
Other: Issue Fee; publication fee; ten (10) copies of patent						

SUBMITTED BY			
Signature	Richa D. Monheit	Registration No. (Attorney/Agent) 48,731	Telephone (404) 879-2152
Name (Print/Type)		, morroym genty	Date May 9, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.